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Application Data Sheet 37 CFR 1.76
Attorney Docket Number FR 040019
Application Number

Title of Invention SYSTEM FOR REDUCING FEEDBACK NOISE DUE TO RELAXATION OSCILLATION IN OPTICAL DATA RECORDING REPRODUCING SYSTEMS USING OPTIMIZED EXTERNAL CAVITY

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

# Secrecy Order 37 CFR 5.2

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

#### Applicant Information:

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FR 040019

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Attorney Docket Number

Application Data Sheet 37 CFR 1.76

Title of Invention   SYSTEM FOR REDUCING FEEDBACK NOISE DUE TO RELAXATION OSCILLATION IN OPTICAL DATA RECORDING REPRODUCING SYSTEMS USING OPTIMIZED EXTERNAL CAVITY    Citizenship under 37 CFR 1.41(b)   NL				Аррііі	cation Nu	liber					
Mailing Address of Applicant:  Address 1	Title of Invention										
Address 1	Citizenship under 37 CFR 1.41(b) i NL										
Address 2  City Eindhoven State/Province    Postal Code   5656 AA   Countryi   NL    All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.  Correspondence Information:  Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 GFR 1.33(a).  An Address is being provided for the correspondence Information of this application.  Customer Number   24737    Email Address   Jeanne.rusciano@philips.com   Add Email   Remove Email    Application Information:  Title of the Invention   SYSTEM FOR REDUCING FEEDBACK NOISE DUE TO RELAXATION OSCILLATION IN OPTICA DATA RECORDING REPRODUCING SYSTEMS USING OPTIMIZED EXTERNAL CAVITY    Attorney Docket Number   FR 040019   Small Entity Status Claimed   Application Type   Nonprovisional    Subject Matter   Utility    Suggested Class (if any)   Sub Class (if any)    Suggested Technology Center (if any)    Total Number of Drawing Sheets (if any)   Suggested Figure for Publication (if any)    Publication Information:   Request Early Publication (Fee required at time of Request 37 CFR 1.219)    Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application not be not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.  Representative Information:   Representative Information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. For beeting the section below.	Mailing Address of Applicant:										
City   Eindhoven   State/Province	Address 1	Address 1 Prof. Holstlaan 6									
Postal Code 5656 AA Country! NL  All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.  Correspondence Information:  Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).  An Address is being provided for the correspondence Information of this application.  Customer Number 24737  Email Address Jeanne.rusciano@philips.com Add Email Remove Email  Application Information:  Title of the Invention SYSTEM FOR REDUCING FEEDBACK NOISE DUE TO RELAXATION OSCILLATION IN OPTICA DATA RECORDING REPRODUCING SYSTEMS USING OPTIMIZED EXTERNAL CAVITY  Attorney Docket Number FR 040019 Small Entity Status Claimed Subject Matter Utility  Suggested Class (if any) Sub Class (if any)  Suggested Technology Center (if any)  Total Number of Drawing Sheets (if any) Suggested Figure for Publication (if any)  Publication Information:  Request Early Publication (Fee required at time of Request 37 CFR 1.219)  Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.  Representative Information:  Representative Information:  Representative Information should be provided for all practitioners having a power of attorney in the application. Froviding this information in the Application Data Sheet does not constitute a power of attorney in the application. See 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections	Address 2										
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.  Correspondence Information:  Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).  An Address is being provided for the correspondence Information of this application.  Customer Number 24737  Email Address jeanne.rusciano@philips.com Add Email Remove Email  Application Information:  Title of the Invention SYSTEM FOR REDUCING FEEDBACK NOISE DUE TO RELAXATION OSCILLATION IN OPTICA DATA RECORDING REPRODUCING SYSTEMS USING OPTIMIZED EXTERNAL CAVITY  Attorney Docket Number FR 040019 Small Entity Status Claimed  Application Type Nonprovisional  Subject Matter Utility  Suggested Class (if any) Suggested Figure for Publication (if any)  Publication Information:  Request Early Publication (Fee required at time of Request 37 CFR 1.219)  Request Not to Publish. Thereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.  Representative Information:  Representative Information:  Representative Information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. For complete the Representative Number or complete the Representativ	City Eindho	ven			!	State/Provin	ce				
generated within this form by selecting the Add button.  Correspondence Information:  Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).  An Address is being provided for the correspondence Information of this application.  Customer Number 24737  Email Address jeanne.rusciano@philips.com Add Email Remove Email  Application Information:  Title of the Invention SYSTEM FOR REDUCING FEEDBACK NOISE DUE TO RELAXATION OSCILLATION IN OPTICA DATA RECORDING REPRODUCING SYSTEMS USING OPTIMIZED EXTERNAL CAVITY  Attorney Docket Number FR 040019 Small Entity Status Claimed Monprovisional  Subject Matter Utility  Suggested Class (if any)  Suggested Technology Center (if any)  Total Number of Drawing Sheets (if any) Suggested Figure for Publication (if any)  Publication Information:  Request Early Publication (Fee required at time of Request 37 CFR 1.219)  Request Not to Publish. Thereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filling.  Representative Information:  Representative Information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. Providing this information in the Application Power or complete the Representative Name section below. If both sections	Postal Code		5656 AA		Count	ryi NL					
Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).  An Address is being provided for the correspondence Information of this application.  Customer Number 24737  Email Address jeanne.rusciano@philips.com Add Email Remove Email  Application Information:  Title of the Invention SYSTEM FOR REDUCING FEEDBACK NOISE DUE TO RELAXATION OSCILLATION IN OPTICA DATA RECORDING REPRODUCING SYSTEMS USING OPTIMIZED EXTERNAL CAVITY  Attorney Docket Number FR 040019 Small Entity Status Claimed  Application Type Nonprovisional  Subject Matter Utility  Suggested Class (if any) Sub Class (if any)  Suggested Technology Center (if any)  Total Number of Drawing Sheets (if any) Suggested Figure for Publication (if any)  Publication Information:  Request Not to Publish. I hereby required at time of Request 37 CFR 1.219)  Request Not to Publish. I hereby required at that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.  Representative Information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. Providing this information in the Application Provided for all practitioners Number or complete the Representative Name section below. If both sections						on blocks r	nay be		Add		
For further information see 37 CFR 1.33(a).  An Address is being provided for the correspondence Information of this application.  Customer Number 24737  Email Address jeanne.rusciano@philips.com Add Email Remove Email  Application Information:  Title of the Invention SYSTEM FOR REDUCING FEEDBACK NOISE DUE TO RELAXATION OSCILLATION IN OPTICA DATA RECORDING REPRODUCING SYSTEMS USING OPTIMIZED EXTERNAL CAVITY  Attorney Docket Number FR 040019 Small Entity Status Claimed Monprovisional  Subject Matter Utility  Suggested Class (if any) Sub Class (if any)  Suggested Technology Center (if any)  Total Number of Drawing Sheets (if any) Suggested Figure for Publication (if any)  Publication Information:  Request Early Publication (Fee required at time of Request 37 CFR 1.219)  Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.  Representative Information:  Representative Information Should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. Providing this information in the Application Provided for all practitioners having a power of attorney in the application. Providing this information in the Application of Providing this information Number or complete the Representative Name section below. If both sections	Corresponder	ice Ir	nformation								
Customer Number   24737  Email Address   jeanne.rusciano@philips.com   Add Email   Remove Email   Application Information:  Title of the Invention   SYSTEM FOR REDUCING FEEDBACK NOISE DUE TO RELAXATION OSCILLATION IN OPTICA DATA RECORDING REPRODUCING SYSTEMS USING OPTIMIZED EXTERNAL CAVITY  Attorney Docket Number   FR 040019   Small Entity Status Claimed   Application Type   Nonprovisional    Subject Matter   Utility   Suggested Class (if any)   Sub Class (if any)    Suggested Technology Center (if any)   Suggested Figure for Publication (if any)    Publication Information:   Request Early Publication (Fee required at time of Request 37 CFR 1.219)    Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.  Representative Information:    Representative Information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections					rrespond	ence Inform	ation se	ction below.	•		
Email Address   jeanne.rusciano@philips.com   Add Email   Remove Email	An Address is	being	provided for t	ne correspo	ondence	nformation	of this a	pplication.			
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Title of the Invention  SYSTEM FOR REDUCING FEEDBACK NOISE DUE TO RELAXATION OSCILLATION IN OPTICA DATA RECORDING REPRODUCING SYSTEMS USING OPTIMIZED EXTERNAL CAVITY  Attorney Docket Number  FR 040019  Small Entity Status Claimed  Application Type  Nonprovisional  Subject Matter  Utility  Suggested Class (if any)  Suggested Technology Center (if any)  Total Number of Drawing Sheets (if any)  Publication Information:  Request Early Publication (Fee required at time of Request 37 CFR 1.219)  Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filling.  Representative Information:  Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. If both sections is not provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. If both sections is not provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application. If both sections is not provided for all practitioners having a power of attorney in the application. If both sections is not provided for all practitioners having a power of attorney in the application. If both sections is not provided for all practitioners having a power of attorney in the application. If both sections is not provided for all practitioners having a powe	Email Address		jeanne.ruscian	o@philips.cor	m			Add Email		Remove	Email
Attorney Docket Number FR 040019 Small Entity Status Claimed  Application Type Nonprovisional Subject Matter Utility Suggested Class (if any) Sub Class (if any)  Total Number of Drawing Sheets (if any) Suggested Figure for Publication (if any)  Publication Information:  Request Early Publication (Fee required at time of Request 37 CFR 1.219)  Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.  Representative Information:  Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections	Application In	form	ation:								
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Please Select One:   © Customer Number   US Patent Practitioner   US Representative (37 CFR 11.9)	Please Select One:		Customer Nu	ımber	US Pate	ent Practitione	r O	US Represen	tative (37	7 CFR	11.9)

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Application Da	ta Sheet 37 CFR 1.76	Altorney Docket Number	FR 040019
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Customer Number	24737		

#### **Domestic Priority Information:**

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the	П
application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)	a)
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Prior Application Status			Remove						
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)						
Additional Domestic Priority Data may be generated within this form by selecting the Add button.  Add  Add									

#### **Foreign Priority Information:**

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

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Application Number	Country i	Parent Filing Date (YYYY-MM-DD)	Priority Claimed			
04300068.6	EP	2004-02-09	Yes     No			
Additional Foreign Priority Data may be generated within this form by selecting the Add button.						

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37

## **Assignee Information:**

of the CFR to have an assignment recorded in the Office.

Remove Assignee 1 If the Assignee is an Organization check here. **V** Organization Name KONINKLIJKE PHILIPS ELECTRONIC, N.V. Mailing Address Information: Address 1 GROENEWOUDSEWEG 1 Address 2 City **EINDHOVEN** State/Province Country | Postal Code 5621 BA Phone Number Fax Number **Email Address** 

### Signature:

button.

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.

Additional Assignee Data may be generated within this form by selecting the Add

PTO/SB/14 (08-05) Approved for use through 07/31/2006. OMB 0651-0032

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Application Da	ta Sheet 37 CFR 1.76	Attorney Docket Number	FR 040019	
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Title of Invention		EEDBACK NOISE DUE TO RE IG SYSTEMS USING OPTIMIZE	LAXATION OSCILLATION IN OPTICAL DATA ED EXTERNAL CAVITY	

Signature	/Michael E. Marion/		Date (YYYY-MM-DD)	2006-08-01	
First Name	Michael E.	Last Name	Marion	Registration Number	32,266

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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  and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine
  whether the Freedom of Information Act requires disclosure of these records.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an
  individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of
  the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.